

IN THE CLAIMS:

Please amend claims 1-3, 6, 8-12 and 16 as follows:

1. (amended) An adaptor device for firing a gun of a predetermined calibre loaded with a missile of a reduced calibre suitable for target practice, said gun including a rifled barrel with a large-calibre interior diameter, a firing chamber of a similar diameter and axially aligned with said barrel and designed to hold a standard-calibre ammunition round and firing means including a firing pin for impinging into the rear part of said chamber for firing the gun, wherein the adaptor device includes an elongated tubular casing [(11)] having an external shape generally approximating or replicating said standard calibre ammunition round, said casing having:
a rear end and a nose end, the latter for pointing towards the barrel muzzle of the gun,
a seat [(36)] for said primer provided at said casing rear end,
a base removably [(27) removably] attached to said casing rear end to retain a [said] primer in said seat, said base partly covering said primer from the rear and provided with an orifice [(33)] for exposing said primer to [passage of] said firing pin passing through said orifice [therethrough],
a longitudinal bore [(15)] of a diameter which is substantially that of said reduced calibre, said bore extending from said casing nose end towards a position inside said casing intermediate said rear and nose ends,
an inward rim forming a missile seat at the rearward end of said bore, and
a narrow passageway [(41)] for passing expansion gases generated by said primer detonating to said missile to propel said missile [munition] out of said bore and the firearm barrel.
2. (amended) The adaptor device of claim 1, wherein said base is screwable onto said casing rear end after a primer has been placed in said primer seat and unscrewable off said casing rear end to discard remains of a spent primer [reamins].

3. (amended) The adaptor device of claim 1, wherein said primer seat comprises a cavity including a rear conical portion having a diameter decreasing towards said orifice, said cavity further including [and] a forward cylindrical portion longitudinally adjacent said cavity conical portion, and wherein said missile seat rim is formed by a removable [removable] primer retainer cylindrical member longitudinally traversed by said narrow passageway coaxially aligned with said bore.
6. (amended) The adaptor device of claim 1, wherein the length of said casing including said base is sufficiently short to prevent accidental use [substantially shorter than the length] of the large-calibre munition in [of] said firearm.
8. (amended) The adaptor device of claim 1, further including a barrel liner [(183)] having a length which is substantially that of said barrel and a longitudinal bore of a diameter which is substantially that of said reduced calibre, said barrel liner providing guiding means for a pellet upon firing thereof to assist in maintaining missile direction upon the missile leaving the gun muzzle, whereby shot precision is enhanced.
9. (amended) The adaptor device of claim 8, wherein said liner is adapted to be pushed into the gun barrel through the muzzle end thereof until it abuts against said nose end of said [a] casing loaded in the chamber.
10. (amended) The adaptor device of claim 9, wherein said liner has:
an external thread [(95)] partly protruding out of the gun barrel mouth at said muzzle end,
a sleeve [(203)] made from a deformable [deformable] plastics material and which covers a part of the liner tube after the thread and
a nut [(197)] for screwing onto the thread to tighten against said sleeve until said sleeve expands diametrically to press against the internal wall of the barrel, thereby immobilizing [inmobilizing] the liner tube.
11. (amended) The adaptor device of claim 9, wherein said liner has at least one O-ring [(199)] housed in a respective circumpherencial groove adjacent to the rear end of the liner [tube] to keep it centred inside the barrel and maintain a gap along the length between the tube and the barrel.

12. (amended) The adaptor device of claim 1, wherein said casing houses a longitudinally displaceable cannon containing said longitudinal bore for loading said reduced calibre munition and elastic means for resiliently urging the displaceable cannon towards said casing rear end, the nose end of said casing including an orifice sized [sixed] to enable said cannon to emerge therethrough under the effect of expansion gasses produced by a detonating primer struck by said firing pin.
16. (amended) The adaptor device of claim 15, wherein said casing further includes a forward tubular member containing said casing nose end, an intermediate member adjustably screw-coupled between said forward member and said base for adjusting the length of said adaptor device to said length of said revolver cylinder, and a counternut for maintaining [mainting] said adaptor device length.

Please add the following claims 18-20:

18. (new) The adaptor device of claim 1, wherein rifling grooves extend substantially the length of said longitudinal bore of said casing.
19. (new) The adaptor device of claim 8, wherein rifling grooves extend substantially the length of said longitudinal bore of said barrel liner.
20. (new) The adaptor device of claim 10, wherein said nut includes a tubular portion for pressing against said sleeve during tightening of said nut.
21. (new) An adaptor device for firing a gun of a predetermined calibre loaded with a missile of a reduced calibre, said gun including a barrel with a large-calibre interior diameter, a firing chamber of a similar diameter and axially aligned with said barrel and designed to hold a standard-calibre ammunition round and firing means including a firing pin for impinging into the rear part of said chamber for firing the gun, wherein the adaptor device includes an elongated tubular casing having an external shape generally approximating or replicating said standard calibre ammunition round, said casing having:
a rear end and a nose end, the latter for pointing towards the barrel muzzle of the
gun.

a seat for said primer provided at said casing rear end, said primer seat comprising a cavity including a rear conical portion having a diameter decreasing towards said orifice, said cavity further including a forward cylindrical portion longitudinally adjacent said cavity conical portion,

a base removably attached to said casing rear end to retain a primer in said seat, said base provided with an orifice for passage of said firing pin therethrough,

a longitudinal bore of a diameter which is substantially that of said reduced calibre, said bore extending from said casing nose end towards a position inside said casing intermediate said rear and nose ends, said position comprising a circumferencial step between said bore and said rear end cavity forming a seat for said primer retainer member,

a narrow passageway for passing expansion gases generated by said primer detonating to said missile to propel said missile out of said bore and the fire-arm barrel, and

an inward rim forming a missile seat at the rearward end of said bore, said rim formed by a removable primer retainer cylindrical member longitudinally traversed by said narrow passageway coaxially aligned with said bore.

IN THE DRAWINGS:

Please cancel figures 2-3 and 5-6, renumber figures 4 and 7-12 as figures 2 and 3-8, respectively, and add reference numerals to renumbered figures 2-3 and 6 per the marked up copies.